

What is claimed is:

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- 5 1. A GUI screen generating apparatus, comprising:  
an extraction unit extracting field information  
from screen data of a character-based user interface  
screen; and  
a naming unit specifying a control name of a  
graphical user interface screen corresponding to the  
field information based on the field information  
10 extracted from the extraction unit.
- 15 2. The GUI screen generating apparatus according to  
claim 1, wherein said naming unit specifies the  
control name of the graphical user interface screen  
based on a field character string in the field  
information.
- 20 3. The GUI screen generating apparatus according to  
claim 1, wherein if the field information indicates  
that a field is an input/output field, said naming  
unit specifies a control name of the field based on  
a field character string of an output field in a  
vicinity of a field to be named.
- 25 4. The GUI screen generating apparatus according to

claim 2, wherein if the field information indicates that a field is an input/output field, said naming unit specifies a control name of the field based on a field character string of an output field in a vicinity of a field to be specified.

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5. The GUI screen generating apparatus according to claim 1, wherein if the field information indicates that a field is an input/output field, said naming unit specifies a control name of the field based on a field character string of an output field which is before a field to be specified and exists closest to the field.

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6. The GUI screen generating apparatus according to claim 4, wherein when specifying the control name based on the field character string, said naming unit adds a specific character string to a registered control name or control name to be specified in such a way that the name may not be the same as an already registered control name.

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7. The GUI screen generating apparatus according to claim 5, wherein when specifying the control name based on the field character string, said naming unit

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adds a specific character string to a registered control name or control name to be specified in such a way that the name may not be the same as an already registered control name.

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8. The GUI screen generating apparatus according to claim 4, wherein said naming unit specifies a control name of a GUI screen according to a group of predetermined control name specifying regulations.

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9. A GUI screen generating method, comprising:

extracting field information from screen data of a character-based user interface screen; and

specifying a control name of a graphical user interface screen corresponding to the field information based on the extracted field information.

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10. A computer-readable storage medium on which is recorded a GUI screen generation program enabling a computer to extract field information from screen data of a character-based user interface screen and to specify a control name of a graphical user interface screen corresponding to the field information based on the extracted field information.

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11. The computer-readable storage medium according to claim 10 on which is recorded a GUI screen generation program enabling a computer to specify a control name of the field based on a field character string of an output field in a vicinity of a field to be specified if the field information indicates that the field is an input/output field.

12. A GUI screen generating apparatus, comprising:  
extracting means extracting field information from screen data of a character-based user interface screen; and  
naming means specifying a control name of a graphical user interface corresponding to the field information based on the extracted field information extracted by the extraction unit.